FIG. 1

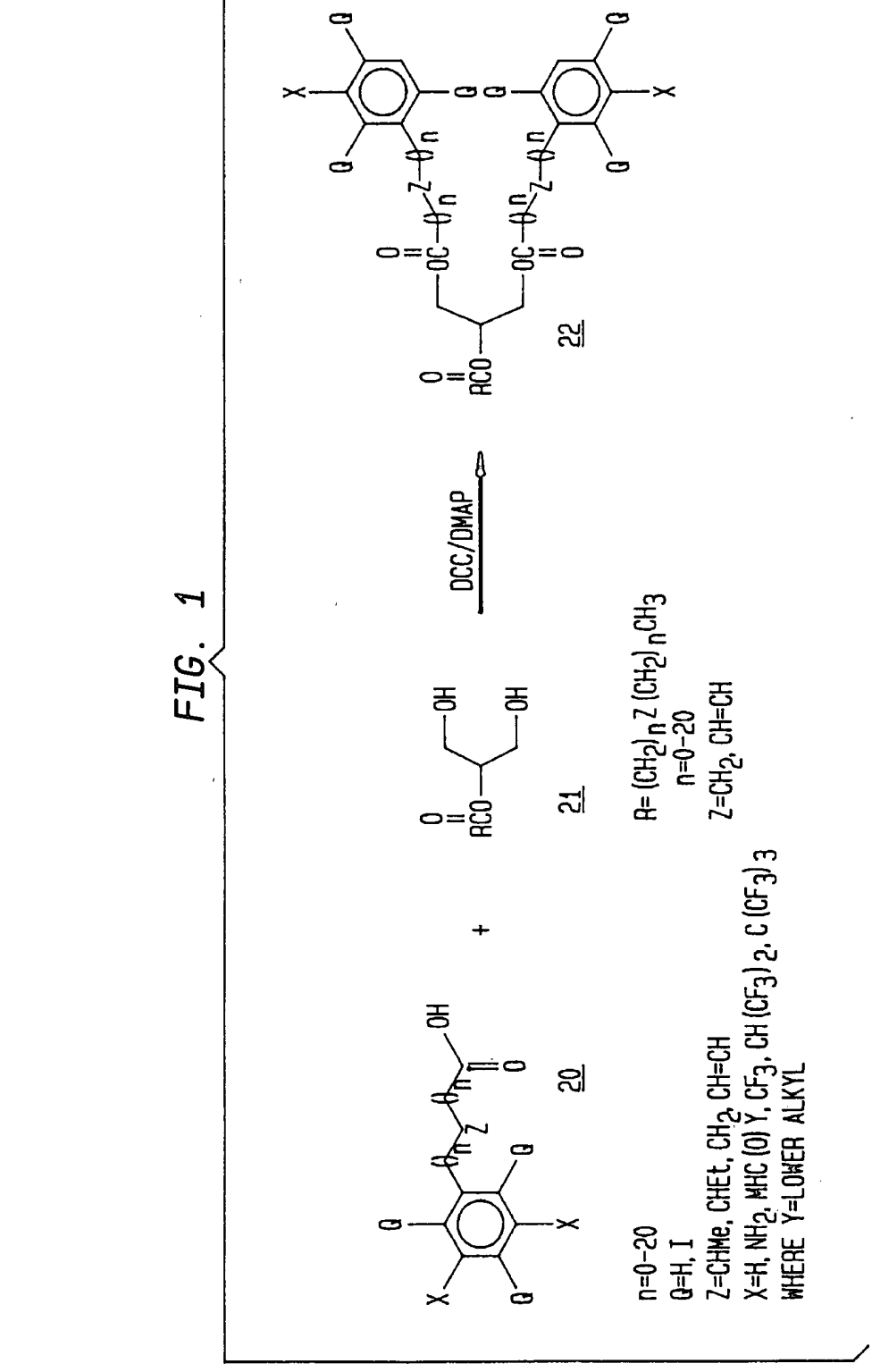
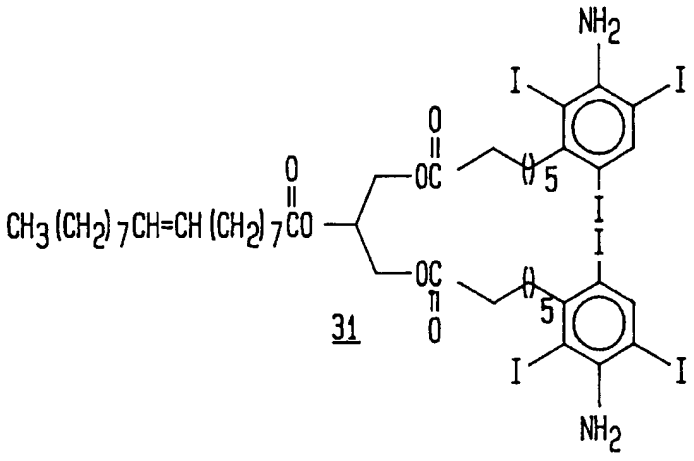
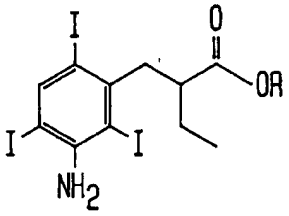

DCC/DMAP
20
21
22
n=0-20
Q=H, I
Z=CHMe, CHEt, CH2, CH=CH
X=H, NH2, MHC(O)Y, CF3, CH(CF3)2, C(CF3)3
WHERE Y=LOWER ALKYL
R=(CH2)nZ(CH2)nCH3
n=0-20
Z=CH2, CH=CH

FIG. 2



31



32 R=CH_2CH_3

33 R=$CH_2CH_2CH_2CH_3$

WHERE R IS A STRAIGHT OR BRANCHED CHAIN LOWER ALKYL, $-CH_2-(CH)_n-CH_3$; n=0-16

FIG. 3

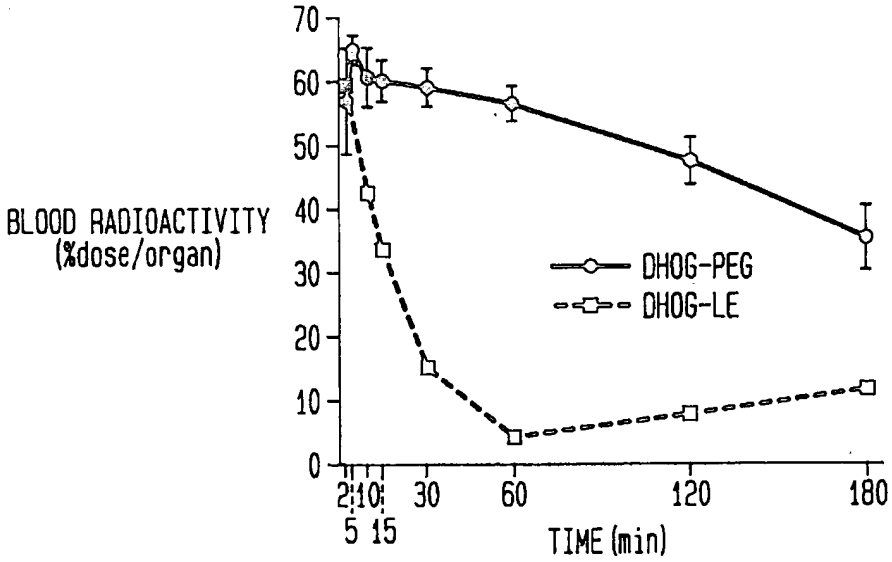

BLOOD RADIOACTIVITY
(%dose/organ)
70
60
50
40
30
20
10
0
DHOG-PEG
DHOG-LE
2
5
10
15
30
60
120
180
TIME (min)

FIG. 4

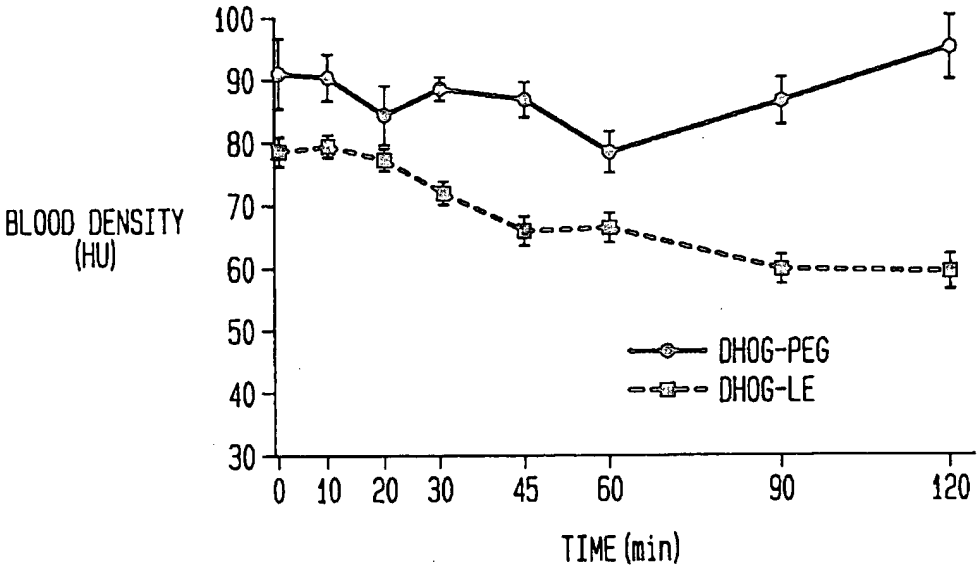
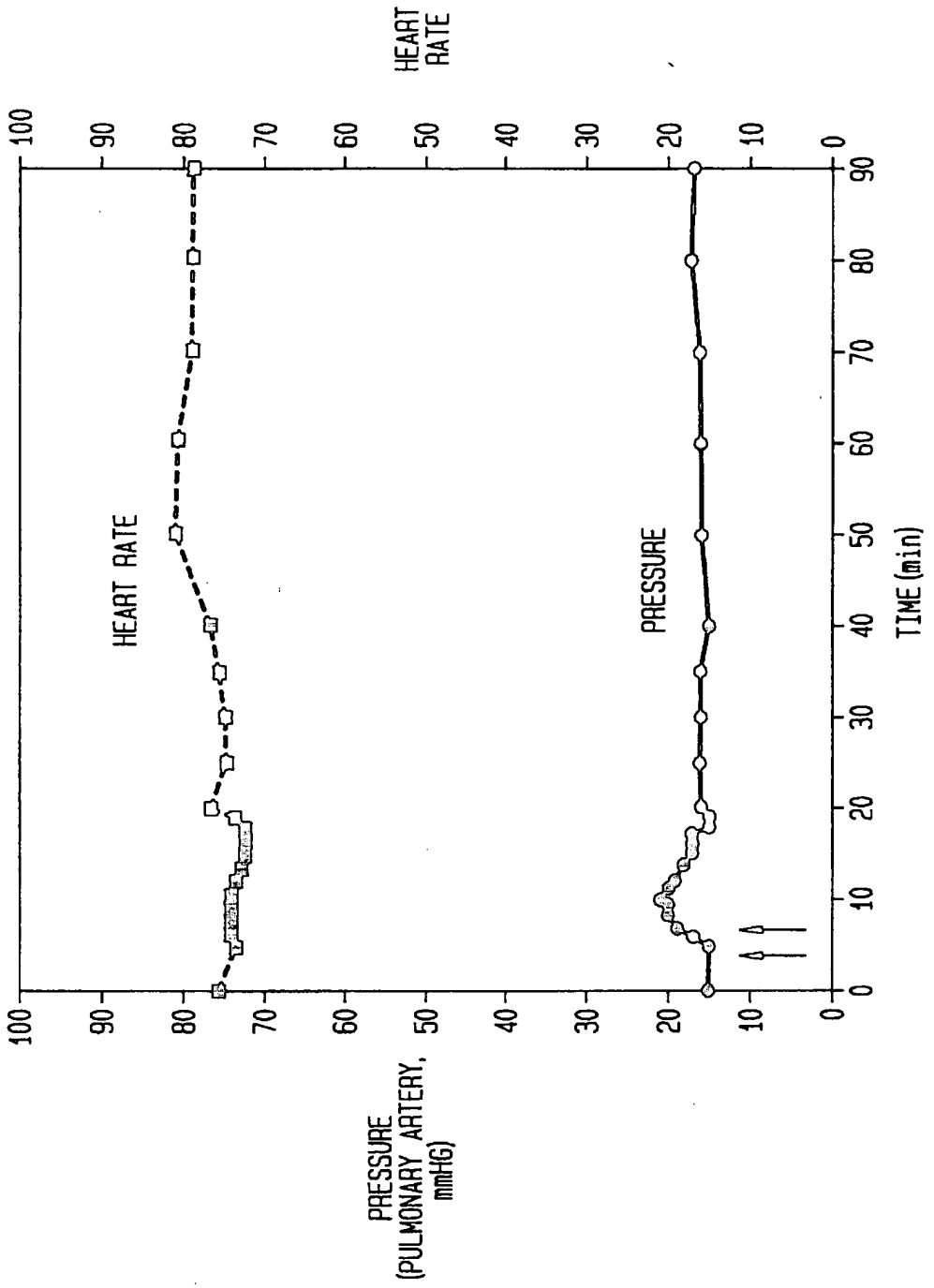

BLOOD DENSITY
(HU)
100
90
80
70
60
50
40
30
DHOG-PEG
DHOG-LE
0
10
20
30
45
60
90
120
TIME (min)

FIG. 5


HEART RATE
PRESSURE
PRESSURE (PULMONARY ARTERY, mmHG)
HEART RATE
TIME (min)
100
90
80
70
60
50
40
30
20
10
0
0
10
20
30
40
50
60
70
80
90